

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	13	calgon\$t	USPAT	OR	ON	2006/04/18 15:02
S2	3745	sodium adj hexametaphosphate	USPAT	OR	ON	2005/05/16 16:41
S3	0	S1 and S2	USPAT	OR	ON	2005/05/16 16:42
S4	9	S2 and calgon adj t	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/05/16 16:43
S5	1631	hedp	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 13:41
S6	279	S5 and (hydroxyethane adj diphosph\$ or biphosph\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/29 08:42
S7	426	hydroxyethane adj (diphosph\$ or biphosph\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 13:35
S8	1235	(ethylenedinitrilo or ethylenediamine) adj (tetramethylene\$ or tetrakis\$ or methylenephosph\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 13:38
S9	66	EDTPO	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 13:39
S10	3770	HMPA	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 13:41
S11	6	S5 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 13:41
S12	2	S5 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 13:43
S13	1	S5 and S9 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 13:42

## EAST Search History

S14	150	EDTPO or EDTMPA	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 14:09
S15	6	S14 and (cell adj culture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/28 12:09
S16	10	S14 and (alginate or alginic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 13:53
S17	2428	polyphosph\$ and (cell adj culture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 13:53
S18	1027	S17 and (alginic or alginate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 13:56
S19	8	S18 and HMPA	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 13:56
S20	7	S18 and HEDP	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 13:57
S21	9	S18 and (EDTPO or EDTMP)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 13:57
S22	80998	(alginate or alginic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 14:02
S23	287	S22 same (cell adj culture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 15:06
S24	23	S23 and laminat\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 14:02

## EAST Search History

S25	1	S24 and HEDP	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 14:03
S26	1	S24 and HMPA	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 14:03
S27	0	S24 and calgon\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 14:03
S28	3	S24 and polyphosph\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 14:05
S29	1	S24 and (polyphosphate or polyphosphoric or polyphosphonic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 14:06
S30	28	(cell adj culture) same (polyphosphate or polyphosphoric or polyphosphonic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 14:06
S31	3	(EDTPO or EDTMPA) near5 chelat\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 14:11
S32	0	(EDTPO or EDTMPA) near5 (alginate or alginic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 14:12
S33	10	(EDTPO or EDTMPA) and (alginate or alginic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 14:12
S34	80998	(alginate or alginic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 17:07
S35	287	S34 same (cell adj culture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 15:07

## EAST Search History

S36	6	S35 and polyphosphate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 15:08
S37	32	S35 and polyphosph\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 16:27
S38	16478	polyphosphoric adj acids	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 16:27
S39	1847	S38 and (alginic or alginate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 16:28
S40	186	S39 and (cell adj culture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 16:28
S41	402	S38 and collagen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 16:29
S42	132	S39 and S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 16:29
S43	131	S42 and (peel\$3 or detach\$5 or solubil\$5 or dissolv\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 16:34
S44	14	S42 and peel\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 16:31
S45	18	S43 and (cell adj culture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 16:36
S46	9	S43 and laminat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 16:38

## EAST Search History

S47	1252	laminat\$3 and (cell adj culture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 16:38
S48	226	S47 and collagen and (alginate or alginic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 16:39
S49	1	S48 and polyphosphoric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 16:39
S50	1	S48 and (polyphosphoric adj acids)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 16:40
S51	50	S48 and (chelate\$3 adj agents)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 16:40
S52	43	S51 and EDTA	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 16:58
S53	1	S51 and HEDP	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 16:58
S54	0	S51 and (EDPTO or EDTMP)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 17:07
S55	342716	lim adn sun	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 17:07
S56	3088	lim and sun	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 17:08
S57	310	S56 and alginate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 17:08

## EAST Search History

S58	220	S57 and cell adj culture	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 17:08
S59	19	S58 and polyphosph\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 17:09
S60	19	S59 and collagen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 17:13
S61	18	S59 and EDTA	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 17:14
S62	18	S59 and EDTA and collagen and alginate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 17:15
S63	4	S62 and (peel\$3 or detach\$ or liquif\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/12 17:16
S64	1	("6821107").PN.	USPAT; USOCR	OR	OFF	2005/07/28 11:36
S65	51	(cell adj culture) near5 (chelating or chelat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/28 12:12
S66	54	(cell adj culture) near5 (alginate or alginic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/28 12:14
S67	4	S66 near5 solubiliz\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/28 12:14
S68	4	S66 near5 (solubiliz\$5 or liquifact\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/28 12:14

## EAST Search History

S69	332	culture near5 (alginate or alginic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/28 12:14
S70	57	S69 and (solubiliz\$5 or liquefact\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/28 12:17
S71	10	S70 and phosphoric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/28 12:18
S72	11	S70 and \$5phosphoric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/28 12:19
S73	1	("5427935").PN.	USPAT; USOCR	OR	OFF	2005/07/28 12:34
S74	1	S73 and alginate	USPAT	OR	ON	2005/07/28 12:34
S75	1	S74 and polyphosphoric	USPAT	OR	ON	2005/07/28 12:35
S76	28	calgon and (cell adj culture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/29 08:44
S77	1	(cell adj culture) and (hydroxyethane adj diphosph\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/07/29 09:12
S78	7419	(cell adj culture) and (carrier or support or matrix or layer) and \$5phosph\$5.clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/10 10:52
S79	0	S78 and calgon.clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/10 10:52
S80	12	S78 and (hedp or diphosphoric or biphosphoric or hydroxyethane).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/10 11:05
S81	3	S78 and (hedp or diphosphoric or biphosphoric or hydroxyethane) and (algin\$4 or ecm).clm.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/10 11:05
S82	140	(METHOD OR PROCESS OR PROCED\$5) NEAR5 DETACH\$5 NEAR5 CELL	USPAT	OR	ON	2006/04/18 15:03
S83	1	S82 AND (HEXAMETAPHOSPHATE OR POLYPHOSPHATE OR POLYPHOSPHOR\$5)	USPAT	OR	ON	2006/04/18 15:05
S84	3742	((435/378,395,401,402,174,177,178,180) or (425/397,)).CCLS.	USPAT; USOCR	OR	OFF	2006/04/18 15:07
S85	17	S82 AND S84	USPAT	OR	ON	2006/04/18 15:07